

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2060	(711/112).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/09/19 15:05
L2	203	(369/30.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/09/19 15:05
S1	786	(711/158).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 13:55
S2	1268	(710/5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 13:55
S3	408	(710/6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 13:55
S4	0	(369/50).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 13:56
S5	466	"seek\$" near "length\$"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:19
S6	0	"seek\$" near "laterral"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:57

## EAST Search History

S7	11	"seek\$" near "lateral"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:57
S8	44243	"longitudinal" near "position\$"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:58
S9	154	"seek\$" near "cost\$"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:58
S10	5	S5 and S8	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:59
S11	2	S5 and S9	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 13:59
S12	642	"seek\$" near "distance\$"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:20
S13	1023	"seek\$" near ("optimization\$" or "optimize")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:20
S14	22	("seek\$" near "distance\$") near ("minimize" or "minimum" or "minimizing" or "shortest" or "minimal")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 15:05

## EAST Search History

S15	23	("20020167749"   "20030034936"   "20040034724"   "20040088478"   "20040255055"   "20040263475"   "5119250"   "5220653"   "5729718"   "5793558"   "6115205"   "6272565"   "6343351"   "6369972"   "6418510"   "6445531"   "6515819"   "6549211"   "6604178"   "6744590"   "6754036"   "6809896"   "6836273").PN. OR ("6987639").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 15:57
S16	2	("5570332").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 09:50
S17	2	("20040049605").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 09:50
S18	22	("seek\$" near "distance\$") near ("minimize" or "minimum" or "minimizing" or "shortest" or "minimal")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:19
S19	23	("20020167749"   "20030034936"   "20040034724"   "20040088478"   "20040255055"   "20040263475"   "5119250"   "5220653"   "5729718"   "5793558"   "6115205"   "6272565"   "6343351"   "6369972"   "6418510"   "6445531"   "6515819"   "6549211"   "6604178"   "6744590"   "6754036"   "6809896"   "6836273").PN. OR ("6987639").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 11:19
S20	11	"seek\$" near "lateral"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:19
S21	0	S18 and "sinusoidal"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:20

## EAST Search History

S22	1	S19 and "sinusoidal"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:21
S23	1	S20 and "sinusoidal"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:23
S24	642	"seek\$" near "distance\$"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:23
S25	34	S24 and "sinusoidal"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:23
S26	2	("20020023225").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 13:30
S27	2	("20040001498").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 15:13
S28	3	("6834326").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 15:59
S29	2	("20030204597").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 16:00

## EAST Search History

S30	2	("20060085673").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 16:01
S31	2	("6654752").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 16:02
S32	2	("6731536").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 16:02
S33	2	("6654847").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 16:03
S34	2	("20030172236").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 16:04
S35	2	("20050108481").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 16:05
S36	2	("6343339").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 16:05
S37	2	("6691194").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 16:05

## EAST Search History

S38	2	("5570332").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/10 11:24
S39	2	("20040049605").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/10 11:38
S40	2	("6441988").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/08/10 13:16
S41	2550	"target" near "head\$"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/10 13:17
S42	3074	"source" near "head\$"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/10 13:16
S43	31	S41 and S42	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/10 13:19
S44	650	"disc\$" with ("target" near "head\$")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/10 13:19
S45	70	"disc\$" with ("source" near "head\$")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/10 13:17

## EAST Search History

S46	3	S44 and S45	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/10 13:17
S47	799	"disc\$" with ("multiple" near "head\$")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/08/10 13:19